

CLAIMS

What is claimed is:

1 1. A method for preserving data on a portable apparatus having a
2 limited power source comprising:
3 detecting that power available in said power source has reached a
threshold value; and
5 saving data stored in volatile memory on said portable apparatus to a
6 server responsive to said threshold value being reached.

1
1 2. The method as claimed in claim 1 further comprising:
2 warning said user that any subsequent data entry is at risk of being lost.

1
1 3. The method as in claim 1 further comprising:
2 sending a battery to a user of portable apparatus when power available in
3 said power source has reached a second threshold value.

1
1 4. The method as in claim 3 wherein said second threshold value is less
2 than said first threshold value.

1
1 5. The method as in claim 1 further comprising:
2 restoring said data to said portable apparatus after said power supply
3 rises above said threshold value.

1
1 6. The method as in claim 1 wherein saving further comprises:
2 saving all data stored in volatile memory to said server.

1 7. The method as in claim 1 wherein saving comprises:
2 only saving unrecoverable data to said server.

1
1 8. An apparatus comprising:
2 power level detection logic to detect when power available in a power
3 source has reached a threshold value; and
4 data preservation logic to save data stored in volatile memory on said
5 portable apparatus to a server.

1
1 9. The apparatus as claimed in claim 8 further comprising:
2 logic to warn said user that any subsequent data entry is at risk of being
3 lost.

1
1 10. The method as in claim 1 wherein said power further comprising:
2 sending a battery to a user of portable apparatus when power available in
3 said power source has reached a second threshold value.

1
1 11. The method as in claim 3 wherein said second threshold value is less
2 than said first threshold value.

1
1 12. The method as in claim 1 further comprising:
2 restoring said data to said portable apparatus after said power supply
3 rises above said threshold value.

1
1 13. The method as in claim 1 wherein saving further comprises:
2 saving all data stored in volatile memory to said server.

14. The method as in claim 1 wherein saving comprises:
only saving unrecoverable data to said server.

15. A portable data processing apparatus comprising:
power detection logic to detect that power available in a power source has
reached a threshold value; and

saving data stored in volatile memory on said portable data processing apparatus to a server in response to said power detection logic detecting that power available in said power source has reached said threshold value.

16. The apparatus as claimed in claim 15 further comprising:
warning logic to warn said user that any subsequent data entry is at risk
of being lost.

17. The apparatus as in claim 15 further comprising:
data restoration logic to restore said data to said portable apparatus after
said power supply rises above said threshold value.

18. An article of manufacture including program code which, when executed by a machine, cause said machine to perform the operations of:
detecting that power available in a power source of said machine has reached a threshold value; and

5 saving data stored in volatile memory on said machine to a server
6 responsive to said threshold value being reached.

1 20. The article of manufacture as claimed in claim 18 including additional
2 program to cause said machine to perform the operations of:

3 warning said user that any subsequent data entry is at risk of being lost.

1

¹ 21. The article of manufacture as claimed in claim 18 including additional
² program to cause said machine to perform the operations of:

3 sending a battery to a user of portable apparatus when power available in
4 said power source has reached a second threshold value.

1